

Table ENG-2. - Construction Materials

Carroll County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AIB:							
Altavista	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Depth to saturated zone	0.53
		Too acid	0.50	Depth to saturated zone	0.53	Too acid	0.76
		Water erosion	0.90			Hard to reclaim	0.92
At:							
Atkins	85	Fair		Poor		Poor	
		Too acid	0.50	Depth to bedrock	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.50	Depth to saturated zone	0.00	Rock fragments	0.00
		Depth to bedrock	0.65			Depth to bedrock	0.65
BoE:							
Bolton	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Too acid	0.98
		Water erosion	0.99	Shrink-swell	0.87		
BrC:							
Braddock	85	Poor		Poor		Poor	
		Cobble content	0.00	Cobble content	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.02	Low strength	0.00	Too Clayey	0.29
		Droughty	0.49			Rock fragments	0.50
Bu:							
Buncombe	85	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.06
		Droughty	0.01				
		Too sandy	0.06				
Hatboro	3	Not Rated		Not Rated		Not Rated	
CeB:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	>0.99	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
CeB2:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CeB2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	>0.99	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.88
		Too acid	0.32				
CeC:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	>0.99	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
CeC2:							
Cecil	85	Poor		Fair		Poor	
		Too clayey	0.00	Low strength	>0.99	Too Clayey	0.00
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
CgB:							
Chester	55	Fair		Good		Fair	
		Low content of organic matter	0.02			Too acid	0.88
		Too acid	0.50				
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Good	
		Low content of organic matter	0.13	Low strength	0.00		
		Too acid	0.32				
		Water erosion	0.90				
CgC:							
Chester	55	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.63
		Too acid	0.32				
		Water erosion	0.90				
CgC2:							

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CgC2:							
Chester	55	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.63
		Too acid	0.32				
		Water erosion	0.90				
CgE:							
Chester	55	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.32	Low strength	0.00		
		Water erosion	0.90				
CgE2:							
Chester	55	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.32	Low strength	0.00		
		Water erosion	0.90				
ChB:							
Chester	50	Fair		Good		Fair	
		Low content of organic matter	0.02			Too acid	0.88
		Too acid	0.50				
		Water erosion	0.68				
Glenelg	30	Fair		Poor		Good	
		Low content of organic matter	0.13	Low strength	0.00		
		Too acid	0.32				
		Water erosion	0.90				

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ChB2:							
Chester	55	Fair		Good		Fair	
		Low content of organic matter	0.02			Too acid	0.88
		Too acid	0.50				
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Good	
		Low content of organic matter	0.13	Low strength	0.00		
		Too acid	0.32				
		Water erosion	0.90				
ChC:							
Chester	50	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	30	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.63
		Too acid	0.32				
		Water erosion	0.90				
ChC2:							
Chester	55	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.63
		Too acid	0.32				
		Water erosion	0.90				
ChE:							
Chester	55	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.32	Low strength	0.00		
		Water erosion	0.90				

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ChE2:							
Chester	55	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too acid	0.50			Too acid	0.88
		Water erosion	0.68				
Glenelg	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.32	Low strength	0.00		
		Water erosion	0.90				
CIC:							
Clymer	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.74	Hard to reclaim	0.00
		Too acid	0.50			Too acid	0.60
		Droughty	0.82			Slope	0.63
CID:							
Clymer	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.50	Depth to bedrock	0.74	Hard to reclaim	0.00
		Droughty	0.82			Too acid	0.60
Co:							
Codorus	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.14	Depth to saturated zone	0.14
		Too acid	0.54				
		Water erosion	0.99				
Hatboro	3	Not Rated		Not Rated		Not Rated	
Toxaway	3	Not Rated		Not Rated		Not Rated	
Cs:							
Codorus	55	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.14	Depth to saturated zone	0.14
		Too acid	0.54				
		Water erosion	0.99				
Hatboro	35	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.89			Hard to reclaim	0.00
		Water erosion	0.99			Rock fragments	0.88

Cu:

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Cu:							
Comus	85	Fair		Good		Poor	
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.54			Rock fragments	0.88
		Droughty	0.96			Too acid	0.98
Hatboro	5	Not Rated		Not Rated		Not Rated	
CyE:							
Corydon	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Low strength	0.00	Too Clayey	0.00
		Droughty	0.09	Slope	0.00	Depth to bedrock	0.00
EdC:							
Edneyville	85	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.54			Rock fragments	0.88
						Too acid	0.98
EkC:							
Elioak	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	Shrink-swell	0.99	Too Clayey	0.05
		Too clayey	0.08			Slope	0.63
		Too acid	0.50			Too acid	0.88
EkC2:							
Elioak	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	Shrink-swell	0.99	Too Clayey	0.05
		Too clayey	0.08			Slope	0.63
		Too acid	0.50			Too acid	0.88
EkD:							
Elioak	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too clayey	0.08	Shrink-swell	0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
EkD2:							
Elioak	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too clayey	0.08	Shrink-swell	0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88

FcC:

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
FcC:							
Fletcher	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Too acid	0.88
		Too acid	0.50	Depth to bedrock	0.58	Slope	0.96
FcD:							
Fletcher	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Low strength	0.00	Too acid	0.88
				Depth to bedrock	0.58		
GnC:							
Gilpin	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Depth to bedrock	0.54
		Droughty	0.27	Low strength	0.00	Too acid	0.60
		Too acid	0.50			Slope	0.63
GnC2:							
Gilpin	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Depth to bedrock	0.54
		Droughty	0.27	Low strength	0.00	Too acid	0.60
		Too acid	0.50			Slope	0.63
GnD:							
Gilpin	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Droughty	0.27	Low strength	0.00	Depth to bedrock	0.54
		Too acid	0.50	Slope	0.50	Too acid	0.60
Gr:							
Gravelly alluvial land	85	Fair		Not Rated		Poor	
		Droughty	0.04			Rock fragments	0.00
		Low content of organic matter	0.88			Depth to saturated zone	0.14
		Too acid	0.95			Hard to reclaim	0.92
Gu:							
Gullied land	85	Not Rated		Not Rated		Not Rated	
Ha:							
Hatboro	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.89			Hard to reclaim	0.00
		Water erosion	0.99			Rock fragments	0.88
Toxaway	5	Not Rated		Not Rated		Not Rated	

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Hb:							
Hatboro	50	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.89			Hard to reclaim	0.00
		Water erosion	0.99			Rock fragments	0.88
Toxaway	30	Fair		Poor		Poor	
		Too acid	0.84	Depth to saturated zone	0.00	Depth to saturated zone	0.00
				Low strength	0.00	Hard to reclaim	0.88
HcC:							
Hayesville	85	Not Rated		Not Rated		Fair	
						Too Clayey	0.23
						Slope	0.63
						Too acid	0.76
HcD2:							
Hayesville	85	Not Rated		Not Rated		Poor	
						Slope	0.00
						Too Clayey	0.23
						Too acid	0.76
HeB:							
Hayesville	85	Not Rated		Not Rated		Fair	
						Too Clayey	0.23
						Too acid	0.76
HeB2:							
Hayesville	85	Not Rated		Not Rated		Fair	
						Too Clayey	0.23
						Too acid	0.76
HeC:							
Hayesville	85	Not Rated		Not Rated		Fair	
						Too Clayey	0.23
						Slope	0.63
						Too acid	0.76
HeC2:							
Hayesville	85	Not Rated		Not Rated		Fair	
						Too Clayey	0.23
						Slope	0.63
						Too acid	0.76
HeD:							

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HeD:							
Hayesville	85	Not Rated		Not Rated		Poor	
						Slope	0.00
						Too Clayey	0.23
						Too acid	0.76
HeD2:							
Hayesville	85	Not Rated		Not Rated		Poor	
						Slope	0.00
						Too Clayey	0.23
						Too acid	0.76
HmE:							
Hazel	85	Fair		Poor		Poor	
		Droughty	0.08	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Depth to bedrock	0.54
HmF:							
Hazel	85	Fair		Poor		Poor	
		Droughty	0.08	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.54			Depth to bedrock	0.54
HnC:							
Hazel	85	Fair		Poor		Fair	
		Droughty	0.08	Depth to bedrock	0.00	Depth to bedrock	0.54
		Too acid	0.50			Slope	0.63
		Depth to bedrock	0.54			Too acid	0.88
HnE:							
Hazel	85	Fair		Poor		Poor	
		Droughty	0.08	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Depth to bedrock	0.54
		Depth to bedrock	0.54			Too acid	0.88
HtB:							
Hiwassee	45	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.88	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.68				
Turbeville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Shrink-swell	0.91	Hard to reclaim	0.00
		Too acid	0.50			Too Clayey	0.59
		Too clayey	0.82			Too acid	0.88

HtC:

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HtC:							
Hiwassee	45	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.88	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.68				
Turbeville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Shrink-swell	0.91	Hard to reclaim	0.00
		Too acid	0.50			Too Clayey	0.59
		Too clayey	0.82			Too acid	0.88
HtD:							
Hiwassee	45	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88	Too Clayey	0.00
		Too acid	0.68			Hard to reclaim	0.00
Turbeville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.50	Shrink-swell	0.91	Hard to reclaim	0.00
		Too clayey	0.82			Too Clayey	0.59
HuC:							
Hiwassee	45	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.88	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.68			Slope	0.63
Turbeville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Shrink-swell	0.91	Hard to reclaim	0.00
		Too acid	0.50			Too Clayey	0.59
		Too clayey	0.82			Slope	0.63
HuD:							
Hiwassee	45	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.88	Too Clayey	0.00
		Too acid	0.68			Hard to reclaim	0.00
Turbeville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.50	Shrink-swell	0.91	Hard to reclaim	0.00
		Too clayey	0.82			Too Clayey	0.59

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
HvC:							
Hiwassee	45	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.88	Too Clayey	0.00
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.68				
Turbeville	45	Fair		Fair		Poor	
		Low content of organic matter	0.13	Shrink-swell	0.91	Hard to reclaim	0.00
		Too acid	0.50			Too Clayey	0.59
		Too clayey	0.82			Too acid	0.88
LcE:							
Louisa	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Too acid	0.54			Rock fragments	0.88
LoD:							
Louisburg	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.98	Rock fragments	0.00
		Depth to bedrock	0.42			Depth to bedrock	0.42
LoE:							
Louisburg	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.42			Depth to bedrock	0.42
MaC:							
Madison	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too clayey	0.08			Too acid	0.88
		Too acid	0.50				
MaC2:							
Madison	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too clayey	0.08			Too acid	0.88
		Too acid	0.50				

MaD:

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MaD:							
Madison	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too clayey	0.08	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
MaD2:							
Madison	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too clayey	0.08	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
MaE:							
Madison	85	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too clayey	0.08	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
MdB:							
Madison	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too clayey	0.08			Too acid	0.88
		Too acid	0.50				
MdB2:							
Madison	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too clayey	0.08			Too acid	0.88
		Too acid	0.50				
MdC:							
Madison	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too clayey	0.08			Slope	0.63
		Too acid	0.50			Too acid	0.88
MdC2:							
Madison	85	Fair		Fair		Fair	
		Low content of organic matter	0.02	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too clayey	0.08			Slope	0.63
		Too acid	0.50			Too acid	0.88
MdD:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MdD:							
Madison	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too clayey	0.08	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
MdD2:							
Madison	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too clayey	0.08	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
MdE:							
Madison	85	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too clayey	0.08	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
MdE2:							
Madison	85	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too clayey	0.08	No shrink-swell limitation	>0.99	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88
ML:							
Made land	100	Not Rated		Not Rated		Not Rated	
MnC:							
Manor	85	Fair		Good		Poor	
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.50			Rock fragments	0.00
		Water erosion	0.68			Slope	0.63
MnD:							
Manor	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.50			Hard to reclaim	0.00
		Water erosion	0.68			Rock fragments	0.00
MnE:							
Manor	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50			Hard to reclaim	0.00
		Water erosion	0.68			Rock fragments	0.00

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MnF:							
Manor	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50			Hard to reclaim	0.00
		Water erosion	0.68			Rock fragments	0.00
MoC:							
Manor	85	Fair		Good		Poor	
		Low content of organic matter	0.13			Hard to reclaim	0.00
		Too acid	0.50			Rock fragments	0.00
		Water erosion	0.68			Slope	0.63
MoE:							
Manor	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50			Hard to reclaim	0.00
		Water erosion	0.68			Rock fragments	0.00
MoF:							
Manor	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50			Hard to reclaim	0.00
		Water erosion	0.68			Rock fragments	0.00
MrB:							
Myersville	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.54	Depth to bedrock	0.58	Too acid	0.98
		Water erosion	0.99	Shrink-swell	>0.99		
MrC:							
Myersville	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.54	Depth to bedrock	0.58	Slope	0.63
		Water erosion	0.99	Shrink-swell	>0.99	Too acid	0.98
MrC2:							
Myersville	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.54	Depth to bedrock	0.58	Slope	0.63
		Water erosion	0.99	Shrink-swell	>0.99	Too acid	0.98
MrE:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MrE:							
Myersville	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.13
		Water erosion	0.99	Depth to bedrock	0.58	Too acid	0.98
MrE2:							
Myersville	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.13
		Water erosion	0.99	Depth to bedrock	0.58	Too acid	0.98
MsC:							
Myersville	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.54	Depth to bedrock	0.58	Slope	0.63
		Water erosion	0.99	Shrink-swell	>0.99	Too acid	0.98
MsE:							
Myersville	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.13
		Water erosion	0.99	Depth to bedrock	0.58	Too acid	0.98
MyC:							
Myersville	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Rock fragments	0.13
		Too acid	0.54	Depth to bedrock	0.58	Slope	0.63
				Shrink-swell	>0.99	Too acid	0.98
MyE:							
Myersville	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Low strength	0.00	Rock fragments	0.13
				Depth to bedrock	0.58	Too acid	0.98
PoC:							
Porters	85	Fair		Poor		Fair	
		Low content of organic matter	0.50	Depth to bedrock	0.00	Depth to bedrock	0.50
		Depth to bedrock	0.50			Slope	0.63
		Droughty	0.67				
PoD:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
PoD:							
Porters	85	Fair		Fair		Poor	
		Low content of organic matter	0.50	Slope	0.50	Slope	0.00
		Too acid	0.68	Depth to bedrock	0.58		
		Droughty	0.70				
PoE:							
Porters	85	Fair		Poor		Poor	
		Low content of organic matter	0.50	Slope	0.00	Slope	0.00
		Too acid	0.68	Depth to bedrock	0.58		
		Droughty	0.70				
PoF:							
Porters	85	Fair		Poor		Poor	
		Low content of organic matter	0.50	Slope	0.00	Slope	0.00
		Too acid	0.68	Depth to bedrock	0.58		
		Droughty	0.70				
QU:							
Mines	50	Not Rated		Not Rated		Not Rated	
Quarries	50	Not Rated		Not Rated		Not Rated	
RaC:							
Rabun	85	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.78	Too Clayey	0.00
		Low content of organic matter	0.13	Low strength	>0.99	Slope	0.63
		Too acid	0.84			Hard to reclaim	0.92
RaD:							
Rabun	85	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.78	Too Clayey	0.00
		Too acid	0.84	Low strength	>0.99	Hard to reclaim	0.92
RaD2:							
Rabun	85	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.78	Too Clayey	0.00
		Too acid	0.84	Low strength	>0.99	Hard to reclaim	0.92
RaE:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
RaE:							
Rabun	85	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.13	Shrink-swell	0.78	Too Clayey	0.00
		Too acid	0.84	Low strength	>0.99	Hard to reclaim	0.92
Rg:							
Rock land	85	Not Rated		Not Rated		Not Rated	
RI:							
Rock land	85	Not Rated		Not Rated		Not Rated	
RmE:							
Ramsey	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Stone content	0.00	Stone content	0.00	Too acid	0.88
RmF:							
Ramsey	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Stone content	0.00	Stone content	0.00	Too acid	0.88
Rr:							
Rock land	85	Not Rated		Not Rated		Not Rated	
ScD:							
Shelocta	85	Fair		Poor		Poor	
		Too acid	0.32	Low strength	0.00	Slope	0.00
				Slope	0.98	Hard to reclaim	0.00
				Shrink-swell	0.99	Rock fragments	0.88
ShB:							
Shelocta	85	Fair		Poor		Poor	
		Too acid	0.32	Low strength	0.00	Hard to reclaim	0.00
				Shrink-swell	0.99	Rock fragments	0.88
						Too acid	0.88
ShC:							
Shelocta	85	Fair		Poor		Poor	
		Too acid	0.32	Low strength	0.00	Hard to reclaim	0.00
				Shrink-swell	0.99	Slope	0.63
						Rock fragments	0.88
ShD:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ShD:							
Shelocta	85	Fair		Poor		Poor	
		Too acid	0.32	Low strength	0.00	Slope	0.00
				Slope	0.50	Hard to reclaim	0.00
				Shrink-swell	0.99	Rock fragments	0.88
SrB:							
Starr	85	Fair		Good		Fair	
		Low content of organic matter	0.02			Hard to reclaim	0.92
		Too acid	0.84				
SrC:							
Starr	85	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.84			Hard to reclaim	0.92
SsA:							
State	85	Fair		Good		Fair	
		Low content of organic matter	0.02			Too acid	0.60
		Too acid	0.50				
SsB:							
State	85	Fair		Good		Fair	
		Low content of organic matter	0.02			Too acid	0.60
		Too acid	0.50				
St:							
Stony colluvial land	85	Not Rated		Not Rated		Not Rated	
SuC:							
Stony land	85	Not Rated		Not Rated		Not Rated	
SuE:							
Stony land	85	Not Rated		Not Rated		Not Rated	
SuF:							
Stony land	85	Not Rated		Not Rated		Not Rated	
TaC:							
Talladega	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Depth to bedrock	0.00
		Depth to bedrock	0.00	No shrink-swell	>0.99	Rock fragments	0.50
		Too acid	0.50	limitation		Slope	0.63
TaD:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TaD:							
Talladega	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.50	Depth to bedrock	0.00
		Too acid	0.50	No shrink-swell limitation	>0.99	Rock fragments	0.50
TaE:							
Talladega	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Depth to bedrock	0.00
		Too acid	0.50	No shrink-swell limitation	>0.99	Rock fragments	0.50
To:							
Toxaway	85	Fair		Poor		Poor	
		Too acid	0.84	Depth to saturated zone	0.00	Depth to saturated zone	0.00
				Low strength	0.00	Hard to reclaim	0.88
Hatboro	5	Not Rated		Not Rated		Not Rated	
TsC:							
Tusquitee	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.08
		Too acid	0.54	No shrink-swell limitation	>0.99	Slope	0.63
						Rock fragments	0.88
TuB:							
Tusquitee	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.08
		Too acid	0.54	No shrink-swell limitation	>0.99	Rock fragments	0.88
						Too acid	0.98
TuC:							
Tusquitee	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.08
		Too acid	0.54	No shrink-swell limitation	>0.99	Slope	0.63
						Rock fragments	0.88
TuD:							
Tusquitee	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.54	Slope	0.50	Hard to reclaim	0.08
				No shrink-swell limitation	>0.99	Rock fragments	0.88
TvC:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
TvC:							
Tusquitee	85	Fair		Poor		Fair	
		Low content of organic matter	0.13	Low strength	0.00	Hard to reclaim	0.08
		Too acid	0.54	No shrink-swell limitation	>0.99	Slope	0.63
						Rock fragments	0.88
TvD:							
Tusquitee	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Low strength	0.00	Slope	0.00
		Too acid	0.54	Slope	0.50	Hard to reclaim	0.08
				No shrink-swell limitation	>0.99	Rock fragments	0.88
W:							
Water	100	Not Rated		Not Rated		Not Rated	
WaC:							
Watauga	85	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.54			Too acid	0.98
WaD:							
Watauga	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too acid	0.54			Too acid	0.98
WaE:							
Watauga	85	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too acid	0.54			Too acid	0.98
WgC:							
Watauga	85	Fair		Good		Fair	
		Low content of organic matter	0.02			Slope	0.63
		Too acid	0.54			Too acid	0.98
WgD:							
Watauga	85	Fair		Fair		Poor	
		Low content of organic matter	0.02	Slope	0.50	Slope	0.00
		Too acid	0.54			Too acid	0.98
WgE:							
Watauga	85	Fair		Poor		Poor	
		Low content of organic matter	0.02	Slope	0.00	Slope	0.00
		Too acid	0.54			Too acid	0.98

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WhC:							
Weikert	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.00	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
		Low content of organic matter	0.13			Slope	0.63
WhD:							
Weikert	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.50	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
WhE:							
Weikert	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
WkD:							
Weikert	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.50	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
WkE:							
Weikert	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
WkF:							
Weikert	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.00
WmB:							
Wickham	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Too acid	0.98
		Too acid	0.54				
WmC:							

Table ENG-2. - Construction Materials - Continued

Carroll County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
WmC:							
Wickham	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Slope	0.63
		Too acid	0.54			Too acid	0.98
WsB:							
Wickham	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Too acid	0.98
		Too acid	0.54				
WsC:							
Wickham	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Slope	0.63
		Too acid	0.54			Too acid	0.98
WsC2:							
Wickham	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Slope	0.63
		Too acid	0.54			Too acid	0.98
WtB:							
Worsham	85	Fair		Poor		Poor	
		Too clayey	0.08	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.13	Shrink-swell	0.97	Too Clayey	0.05
		Too acid	0.50			Too acid	0.88